ELSEVIER

Journal of Luminescence 92 (2001) 337–339

JOURNAL OF LUMINESCENCE

www.elsevier.com/locate/jlumin

Index of Authors and Papers

Austin, R.H., see G.T. Reynolds 92 (2001) 79
Avanesov, A.G., M.G. Brik, E.N. Tumayev, Non-radiative transitions in the oscillating field model 92 (2001) 133

Bandyopadhyay, P., see M. Basu Roy 92 (2001) 115
Bastard, G., see Ph. Roussignol 92 (2001) 43
Basu Roy, M., S. Ghosh, P. Bandyopadhyay, P.K. Bharadwaj, Time-resolved emission studies of tris-acetylpyrene derivative of a cryptand exhibiting localised monomer, intramolecular exciplex and intramolecular excimer emissions in different environments 92 (2001) 115
Bednarkiewicz, A., see W. Stręk 92 (2001) 229
Behera, G.B., see A. Mishra 92 (2001) 175
Bennett, B.L., see D.W. Cooke 92 (2001) 83
Bettinelli, M., R. Moncorgé, Correlation between the 5d-level position of Ce^{3+} and of the other Ln^{3+} ions in solids 92 (2001) 287
Bharadwaj, P.K., see M. Basu Roy 92 (2001) 115
Brenier, A., A new evaluation of Yb^{3+}-doped crystals for laser applications 92 (2001) 199
Brik, M.G., see A.G. Avanesov 92 (2001) 133
Brome, C.R., see P.R. Huffman 92 (2001) 291
Burshtein, A.I., see O.A. Igoshin 92 (2001) 123
Butterworth, J.S., see P.R. Huffman 92 (2001) 291

Cavalli, E., see A. Toncelli 92 (2001) 237
Chakravarty, A., A.J. Walton, Light emission from collapsing superheated steam bubbles in water 92 (2001) 27
Chang, H.Y., see K.W. Sun 92 (2001) 145
Chruścińska, A., The fractional thermoluminescence of bleached K-feldspars 92 (2001) 271
Cialdi, S., see A. Toncelli 92 (2001) 237
Cooke, D.W., B.L. Bennett, K.J. McClellan, J.M. Roper, M.T. Whittaker, Similarities in glow peak positions and kinetics parameters of oxyorthosilicates: evidence for unique intrinsic trapping sites 92 (2001) 83
Cui, H., see Y.-G. Sun 92 (2001) 205
Cussó, F., see G.A. Torchia 92 (2001) 317

De, A.K., T. Ganguly, Steady state and time resolved studies on photophysical properties of carbazole and 9-phenyl carbazole molecules and their quenching reactions with suitable electron acceptors in the excited electronic states both at the ambient temperature and at 77 K 92 (2001) 255
Dereń, P.J., see K. Hermanowicz 92 (2001) 151
Dereń, P.J., see W. Stręk 92 (2001) 229
Dogra, S.K., see G. Krishnamoorthy 92 (2001) 91
Dogra, S.K., see G. Krishnamoorthy 92 (2001) 103
Doyle, J.M., see P.R. Huffman 92 (2001) 291
Drulis, H., see K. Hermanowicz 92 (2001) 151
Dzhosyuk, S.N., see P.R. Huffman 92 (2001) 291

Eremenko, V.V., V.A. Karachevtsev, I.S. Kachur, N.Yu. Nedbailo, V.G. Piryatinskaya, V.V. Slavin, V.V. Shapiro, Absorption and luminescence of $CsMnCl_3 \cdot 2H_2O$ crystals doped with Cu^{2+} 92 (2001) 35
Esser, B., I. Valuev, Emission spectra in non-symmetric dimer systems: fine structure of emission bands and dependence on asymmetry parameters 92 (2001) 1

Feldmann, C., T. Jüstel, C.R. Ronda, D.U. Wiechert, Quantum efficiency of down-conversion phosphor $LiGdF_4:Eu$ 92 (2001) 245
Fujii, R., K. Onaka, H. Nagae, Y. Koyama, Y. Watanabe, Fluorescence spectroscopy of all-trans-lycopene: comparison of the energy and the potential displacements of its $2A_g^-$ state with those of neurosporene and spheroidene 92 (2001) 213

Ganesan, V., R. Ramaraj, Spectral properties of proflavin in zeolite-L and zeolite-Y 92 (2001) 167
Ganguly, T., see A.K. De 92 (2001) 255
García-Adeva, A.J., D.L. Huber, Two state model for sub-exponential fluorescence revisited 92 (2001) 65
Gaveau, B., E. Mihóková, M. Nikl, K. Polák, L.S. Schulman, Anomalous decay of the slow emission component in doped alkali halides 92 (2001) 311
Gavrilenko, A.N., see V.A. Lebedev 92 (2001) 139
Ghosh, S., see M. Basu Roy 92 (2001) 115
Golub, R., see P.R. Huffman 92 (2001) 291
Grinberg, M., K. Holliday, Luminescence kinetics and emission lifetime distribution of Cr^{3+}-doped aluminosilicate glass 92 (2001) 277
Guangyan, H., see S. Xiaolin 92 (2001) 307
Guilan, Z., see S. Xiaolin 92 (2001) 307
Guoqing, T., see S. Xiaolin 92 (2001) 307

Hanuza, J., see K. Hermanowicz 92 (2001) 151
Hermanowicz, K., M. Mączka, P.J. Dereń, J. Hanuza, W. Stręk, H. Drulis, Optical properties of chromium(III) in trigonal $KAl(MoO_4)_2$ and monoclinic $NaAl(MoO_4)_2$ hosts 92 (2001) 151
Holliday, K., see M. Grinberg 92 (2001) 277
Huber, D.L., see A.J. García-Adeva 92 (2001) 65
Huffman, P.R., C.R. Brome, J.S. Butterworth, S.N. Dzhosyuk, R. Golub, S.K. Lamoreaux, C.E.H. Mattoni, D.N. McKinsey, J.M. Doyle, Magnetically stabilized luminescent excitations in hexagonal boron nitride 92 (2001) 291

Ignatiev, B.V., see V.A. Lebedev 92 (2001) 139
Igoshin, O.A., A.I. Burshtein, Quenching of fluorescence by irreversible energy transfer at arbitrary strong pumping light 92 (2001) 123
Isaev, V.A., see V.A. Lebedev 92 (2001) 139
Ishizaka, T., Y. Kurokawa, Optical properties of rare-earth ion (Gd^{3+}, Ho^{3+}, Pr^{3+}, Sm^{3+}, Dy^{3+} and Tm^{3+})-doped alumina films prepared by the sol–gel method 92 (2001) 57

Jaque, F., see G.A. Torchia 92 (2001) 317
Jindal, G.R., see P.L. Provenzano 92 (2001) 297
Jovanić, B.R., High hydrostatic pressure effect on fluorescence lifetime and spectra for Sm^{2+}-doped $SrFCl_{0.5}Br_{0.5}$ mixed crystals 92 (2001) 161
Jüstel, T., see C. Feldmann 92 (2001) 245

Kachur, I.S., see V.V. Eremenko 92 (2001) 35
Karachevtsev, V.A., see V.V. Eremenko 92 (2001) 35
Kilin, D., M. Schreiber, Decoherence for phase-sensitive relaxation 92 (2001) 13
Kimura, K., see K. Yokota 92 (2001) 223
Koyama, Y., see R. Fujii 92 (2001) 213
Krishna, M.M.G., see A. Mishra 92 (2001) 175
Krishnamoorthy, G., S.K. Dogra, Excited state intramolecular proton transfer in 2-(2′-hydroxyphenyl)-3H-imidazo[4,5-b]pyridine: effect of solvents 92 (2001) 91
Krishnamoorthy, G., S.K. Dogra, Prototropic reactions of 2(2′-hydroxyphenyl)-3H-imidazo[4,5-b]pyridine in aqueous and organic solvents 92 (2001) 103
Kurokawa, Y., see T. Ishizaka 92 (2001) 57

Lamoreaux, S.K., see P.R. Huffman 92 (2001) 291
Lebedev, V.A., I.V. Voroshilov, B.V. Ignatiev, A.N. Gavrilenko, V.A. Isaev, A.V. Shestakov, Spectroscopy of ytterbium in $Gd_4CaO(SiO_4)_3$ (CGS) 92 (2001) 139
Lee, B.I., see S.W. Lu 92 (2001) 73
Lee, C.P., see K.W. Sun 92 (2001) 145
Lin, X.-Q., see Y.-G. Sun 92 (2001) 205
Lu, S.W., B.I. Lee, Z.L. Wang, W. Tong, B.K. Wagner, W. Park, C.J. Summers, Synthesis and photoluminescence enhancement of Mn^{2+}-doped ZnS nanocrystals 92 (2001) 73

Mączka, M., see K. Hermanowicz 92 (2001) 151
Makkinje, J., see A. van Dijken 92 (2001) 323
Mattoni, C.E.H., see P.R. Huffman 92 (2001) 291
McClellan, K.J., see D.W. Cooke 92 (2001) 83
McKinsey, D.N., see P.R. Huffman 92 (2001) 291
Meijerink, A., see A.P. Vink 92 (2001) 189
Meijerink, A., see A. van Dijken 92 (2001) 323
Mihóková, E., see B. Gaveau 92 (2001) 311
Mishra, A., G.B. Behera, M.M.G. Krishna, N. Periasamy, Time-resolved fluorescence studies of aminostyryl pyridinium dyes in organic solvents and surfactant solutions 92 (2001) 175
Moncorgé, R., see M. Bettinelli 92 (2001) 287
Muñoz, J.A., see G.A. Torchia 92 (2001) 317

Nagae, H., see R. Fujii 92 (2001) 213
Nedbailo, N.Yu., see V.V. Eremenko 92 (2001) 35
Nikl, M., see B. Gaveau 92 (2001) 311
Nogami, M., Fluorescence properties of Eu-doped GeO_2–SiO_2 glass heated under an H_2 atmosphere 92 (2001) 329

Onaka, K., see R. Fujii 92 (2001) 213

Park, W., see S.W. Lu 92 (2001) 73
Periasamy, N., see A. Mishra 92 (2001) 175
Piryatinskaya, V.G., see V.V. Eremenko 92 (2001) 35
Polák, K., see B. Gaveau 92 (2001) 311
Provenzano, P.L., G.R. Jindal, J.R. Sweet, W.B. White, Flame-excited luminescence in the oxides Ta_2O_5, Nb_2O_5, TiO_2, ZnO, and SnO_2 92 (2001) 297

Ramaraj, R., see V. Ganesan 92 (2001) 167
Reijme, M.A., see A.P. Vink 92 (2001) 189
Reynolds, G.T., R.H. Austin, Mechanoluminescence of plastic scintillation counters 92 (2001) 79
Ronda, C.R., see C. Feldmann 92 (2001) 245
Roper, J.M., see D.W. Cooke 92 (2001) 83
Roussignol, Ph., J. Tignon, G. Bastard, Consequences of thermalization on the photoluminescence dynamics of shallow quantum well heterostructures 92 (2001) 43

Sakamoto, A., see K. Yokota 92 (2001) 223
Schreiber, M., see D. Kilin 92 (2001) 13
Schulman, L.S., see B. Gaveau 92 (2001) 311
Shapiro, V.V., see V.V. Eremenko 92 (2001) 35
Shestakov, A.V., see V.A. Lebedev 92 (2001) 139
Slavin, V.V., see V.V. Eremenko 92 (2001) 35
Stręk, W., see K. Hermanowicz 92 (2001) 151
Stręk, W., A. Bednarkiewicz, P.J. Dereń, Power dependence of luminescence of Tb^{3+}-doped KYb(-WO4)$_2$ crystal 92 (2001) 229
Summers, C.J., see S.W. Lu 92 (2001) 73
Sun, K.W., C.M. Wang, H.Y. Chang, S.Y. Wang, C.P. Lee, Optical phonon emission in GaAs/AlAs and $GaAs/Al_{0.7}Ga_{0.3}As$ multiple quantum well structures 92 (2001) 145
Sun, Y.-G., H. Cui, X.-Q. Lin, Study of electrochemiluminescence of lucigenin at glassy carbon electrodes in NaOH solution 92 (2001) 205
Sweet, J.R., see P.L. Provenzano 92 (2001) 297

Tignon, J., see Ph. Roussignol 92 (2001) 43
Tocho, J.O., see G.A. Torchia 92 (2001) 317
Toncelli, A., M. Tonelli, E. Zannoni, E. Cavalli, S. Cialdi, NIR luminescence and laser parameters of $Ca_3Sc_2Ge_3O_{12}$ garnet host crystals activated with Tm^{3+} and Ho^{3+} 92 (2001) 237
Tonelli, M., see A. Toncelli 92 (2001) 237
Tong, W., see S.W. Lu 92 (2001) 73
Torchia, G.A., J.A. Muñoz, F. Cussó, F. Jaque, J.O. Tocho, The luminescent quantum efficiency of Cr^{3+} ions in co-doped crystals of $LiNbO_3$:ZnO determined by simultaneous multiple-wavelength photoacoustic and luminescence experiments 92 (2001) 317
Tumayev, E.N., see A.G. Avanesov 92 (2001) 133

Valuev, I., see B. Esser 92 (2001) 1
van Dijken, A., J. Makkinje, A. Meijerink, The influence of particle size on the luminescence quantum efficiency of nanocrystalline ZnO particles 92 (2001) 323
Vink, A.P., M.A. Reijme, A. Meijerink, Line broadening studies for isoelectronic divalent and trivalent lanthanides 92 (2001) 189
Voroshilov, I.V., see V.A. Lebedev 92 (2001) 139

Wagner, B.K., see S.W. Lu 92 (2001) 73
Walton, A.J., see A. Chakravarty 92 (2001) 27
Wang, C.M., see K.W. Sun 92 (2001) 145
Wang, S.Y., see K.W. Sun 92 (2001) 145
Wang, Z.L., see S.W. Lu 92 (2001) 73
Watanabe, Y., see R. Fujii 92 (2001) 213
Wenju, C., see S. Xiaolin 92 (2001) 307
White, W.B., see P.L. Provenzano 92 (2001) 297
Whittaker, M.T., see D.W. Cooke 92 (2001) 83
Wiechert, D.U., see C. Feldmann 92 (2001) 245

Xiaolin, S., H. Guangyan, Z. Guilan, T. Guoqing, C. Wenju, The luminescence properties of $CaS:Eu^{2+}$ excited by pico-second laser pulse 92 (2001) 307

Yokota, K., S.-X. Zhang, K. Kimura, A. Sakamoto, Eu^{2+}-activated barium magnesium aluminate phosphor for plasma displays – Phase relation and mechanism of thermal degradation 92 (2001) 223

Zannoni, E., see A. Toncelli 92 (2001) 237
Zhang, S.-X., see K. Yokota 92 (2001) 223

ELSEVIER

Journal of Luminescence 92 (2001) 341–342

JOURNAL OF LUMINESCENCE

www.elsevier.com/locate/jlumin

Subject Index

4f–5d transitions 287

Absorption spectroscopy 213
Aggregates 175
Antiferromagnet 35
Anti-Stokes emission 229
Asymmetric dimers 1

BAM 223
Blue phosphor 223
Bubbles 27

Candoluminescence 297
Carrier thermalization 43
Cathodic electrolysis 205
Charge transfer state 175
Crystal field 133

Decoherence 13
Defect structure 329
Defects 83
Disorder 65
Down-conversion 245
Dual fluorescence 213
Dye–solvent complex 175

Electrochemiluminescence 205
Electron–lattice interaction 277
Electron–phonon coupling 189
Electron transfer 255
Emission spectra 297
Energy transfer 35, 123, 255
Exciton 35
Exciton–phonon interaction 1

Film 57
Flame excitation 297
Fluorescence 57, 123, 329
Fluorescence quenching 255
Fluorescence spectroscopy 213

Glassy carbon electrode 205

Inorganic compounds 237
Internal conversion 213

Jahn–Teller effect 311

K-feldspar 271

Lasers 237, 287
Lifetime 213
Line broadening 189
Low-temperature absorption 139
Lucigenin 205
Luminescence kinetics 277
Luminescent quantum efficiency 317

Magnetic stabilization 291
Mechanoluminescence 79
Micelles 175

Nanocrystal 73
Nanocrystalline particles 323
Non-adiabatic operator 133
Non-radiative transitions 133, 277
Normal vibrations 133

Optical materials 151
Optical phonon 145
Optical property 329
Optical spectra 1
Optically forbidden state 213
Oxide phosphors 297

Photoacoustic spectroscopy 317
Photoluminescence 65, 145
Photoluminescence enhancement 73
Pico-second laser pulse 307
Piezoluminescence 79
Plasma display panel 223
Plastic scintillators 79
Power dependence 229
Pressure effects 161
Proton transfer 91
Prototropic reactions 103
Pumping light 123

Quantum confinement 323
Quantum cutting 245
Quantum efficiency 245, 323
Quasi-three level laser 199
Quinoid isomer 175

Raman scattering 145
Rare earths 237
Redox potentials 255

Scintillators 287
Semiconductor quantum well heterostructures 43
Solid-state laser 199
Sol–gel 57, 329
Sonoluminescence 27
Spectroscopic properties 151
Spectroscopy 139, 237
Static and dynamic processes 255
Stretched exponential decay 65
Superposition 13
Supersaturated vapour 27
Surface passivation 73

Thermal degradation 223
Thermally stimulated luminescence 83
Thermoluminescence 271
Thermoluminescence dating 271
Time-resolved emission 115
Time-resolved luminescence 139
Time-resolved photoluminescence 43
Transition metal 277
Trap spectroscopy 271
Trapping 35, 65
Triboluminescence 79

UV luminescence 287

Vibronic transitions 213
Vibronic wave packet 13
VUV spectroscopy 245